

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Le Vu Examiner #: 71512 Date: 7/3/02
Art Unit: 2413 Phone Number 30 _____ Serial Number: 091990,887
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 5,991,542

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>KES</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-4671</u>	AA Sequence (#) _____	Dialog <u>1</u>
Searcher Location: _____	Structure (#) _____	Questel/Orbit <u>1</u>
Date Searcher Picked Up: <u>7/3/02</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>7/3/02</u>	Litigation <u>X</u>	Lexis/Nexis <u>1</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>10</u>	Other _____	Other (specify) _____

November 23, 1999

LEXIS-NEXIS
Library: PATENT
File: ALL

Storage volume handling system which utilizes disk images

REISSUE: November 21, 2001 - Reissue Application filed Ex. Gp.: 2652; Re. S.N.
09/990,887 May 28, 2002

APPL-NO: 08713500

FILED-DATE: September 13, 1996

GRANTED-DATE: November 23, 1999

CORE TERMS: disk, volume, computer, storage, format, driver, user, software,
network, layer ...

ENGLISH-ABST:

Disk images, and the like, are used to emulate storage volumes for the distribution of computer software. An image of a data storage volume, such as a hard disk drive, is stored in a file having a format that enables it to exhibit a behavior which is the same as the storage volume itself. The image files are accessed by means of an associated driver which can support a variety of different file system protocols, thereby permitting the files themselves to be independent of the format requirements of particular file systems. The data in the image file can be compressed in a manner such that a storage volume being emulated appears to be of a specified size, while actually requiring less space to store its contents. With these properties, the image files can be mounted in the manner of a hardware storage device, and large files can be readily transmitted and downloaded in an electronic format. Since the files are preserved in their original form, end-to-end verification remains possible, to ensure the integrity of the downloaded files. Multiple images can be combined into a single tome, for installation at a remote site using a one-button approach.

5,991,542 OR 5991542

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

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LEXIS-NEXIS
Library: PATENT
File: JNLS

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5,991,542 OR 5991542

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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...OF THE INTERNATIONAL SEARCH REPORT)

?s pn=us 5991542

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?t 6/39/1

6/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat

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15582994

Basic Patent (No,Kind,Date): US 5991542 A 19991123 <No. of Patents: 001>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
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US 5991542	A	19991123	US 713500	A	19960913 (BASIC)
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Priority Data (No,Kind,Date):

US 713500	A	19960913
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PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5991542 A 19991123

STORAGE VOLUME HANDLING SYSTEM WHICH UTILIZES DISK IMAGES (English)

Patent Assignee: APPLE COMPUTER (US)

Author (Inventor): HAN BYRON B (US); KATELEY JAMES F (US); MURPHY

COLM (IE); FITZGERALD-SMITH KENNETH (IE)

Priority (No,Kind,Date): US 713500 A 19960913

Applic (No,Kind,Date): US 713500 A 19960913

National Class: * 395712000

IPC: * G06F-015/16

Derwent WPI Acc No: ; G 00-037978

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5991542	P	19960913	US AE	APPLICATION DATA (PATENT)
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(APPL. DATA (PATENT))

US 713500	A	19960913
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US 5991542	P	19991123	US A	PATENT
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US 5991542	P	20010417	US CC	CERTIFICATE OF CORRECTION
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US 5991542	P	20020528	US RF	REISSUE APPLICATION FILED
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(REISSUE APPL. FILED)

20011121